

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
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FILM PREPARATION

DEPOSITION

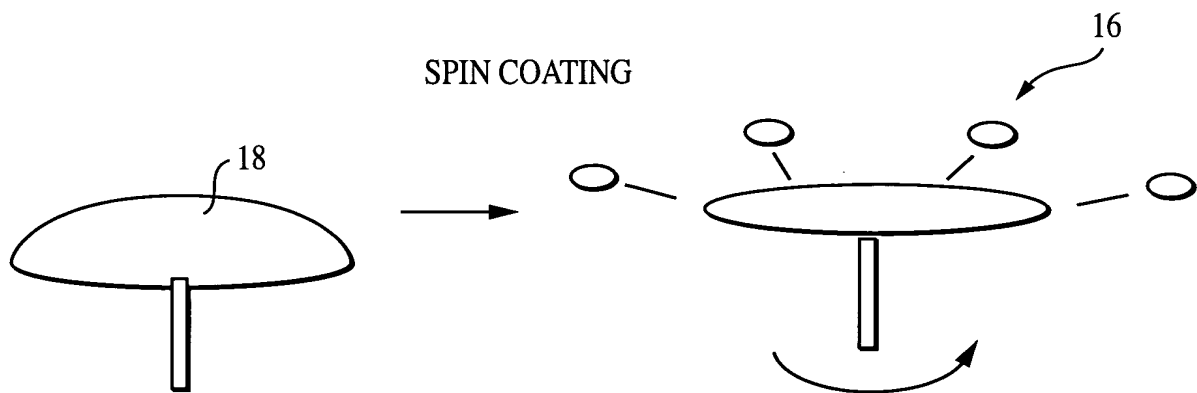
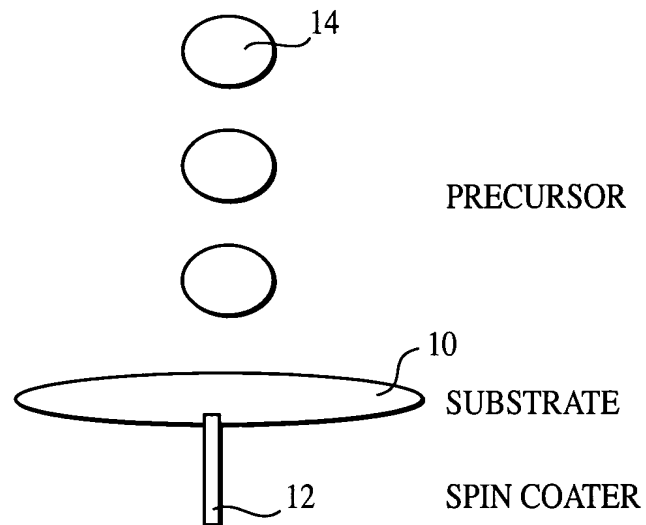


FIG. 1



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SOLUTION PREPARATION

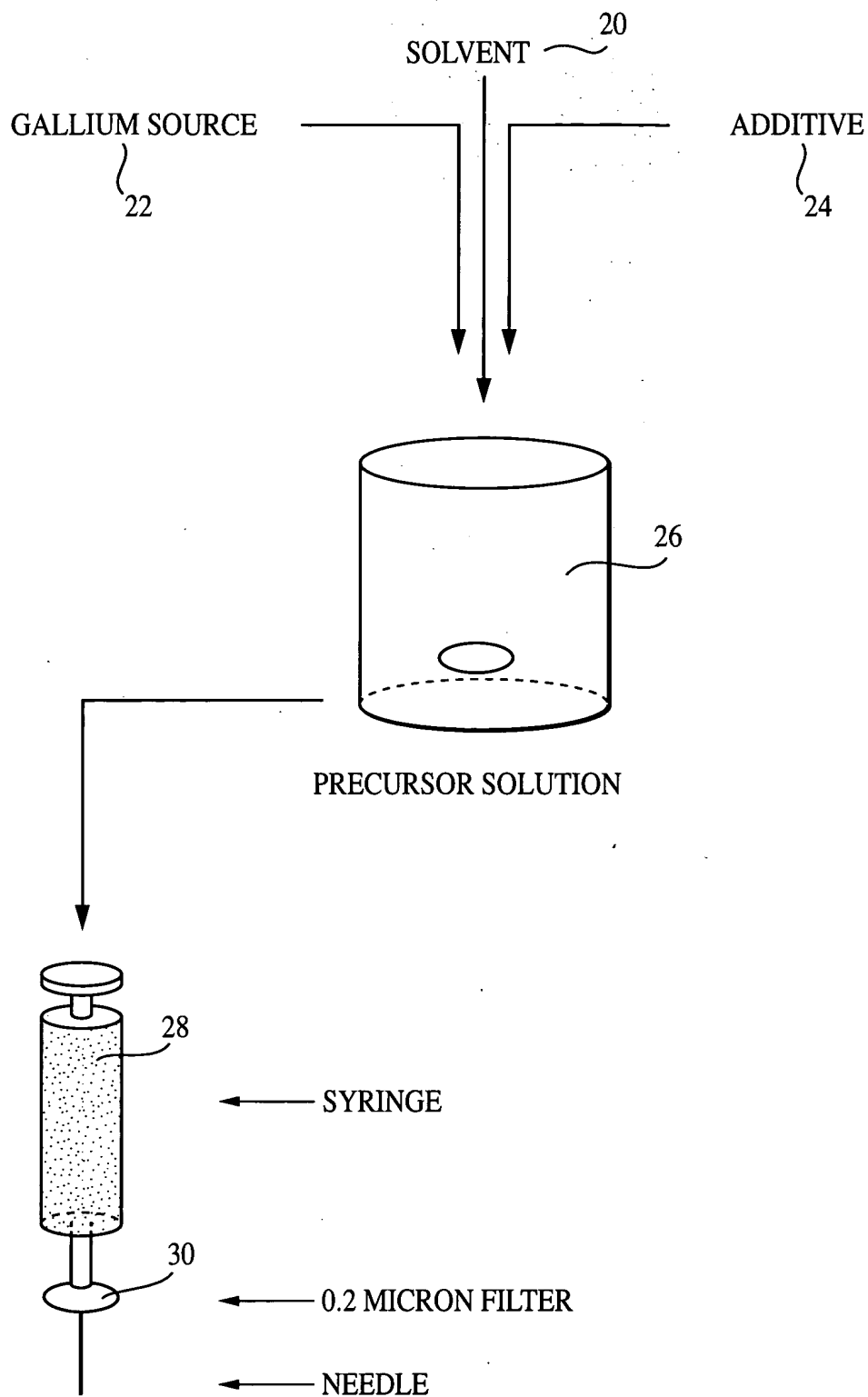


FIG. 2

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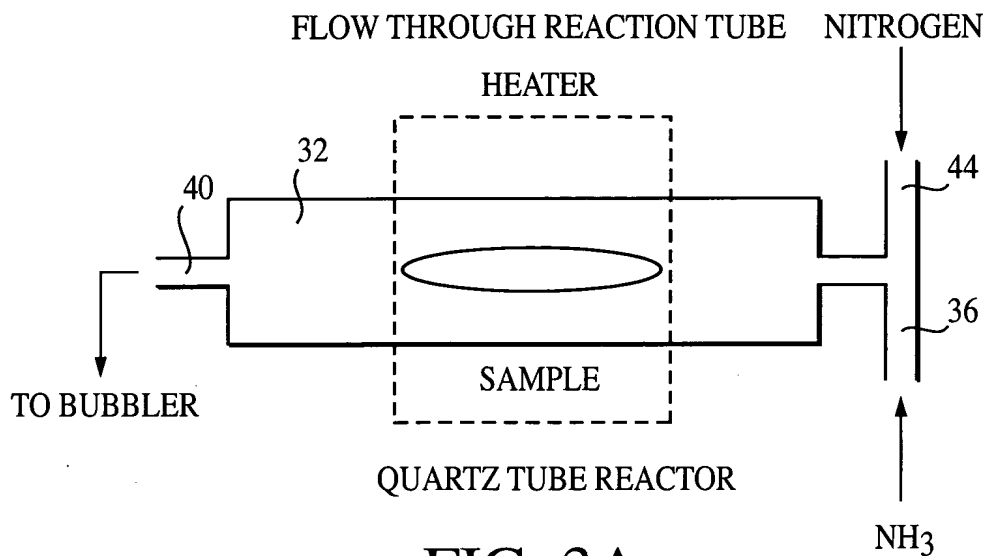


FIG. 3A

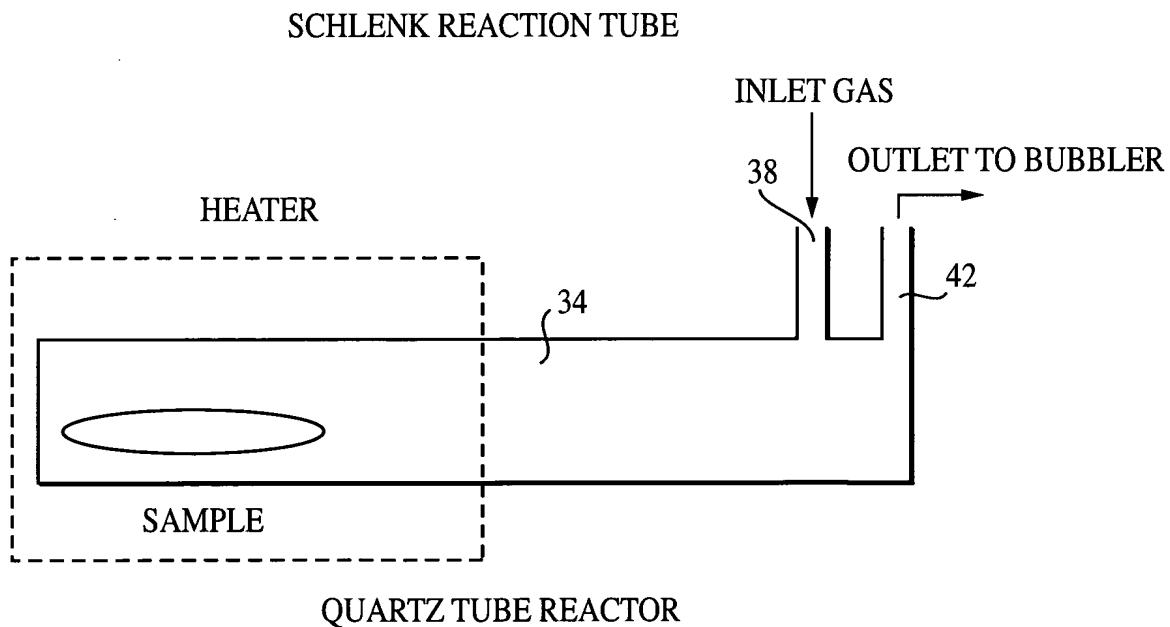
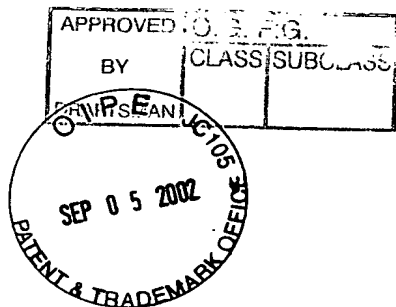


FIG. 3B



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MASS SPECTROMETER EXPERIMENT

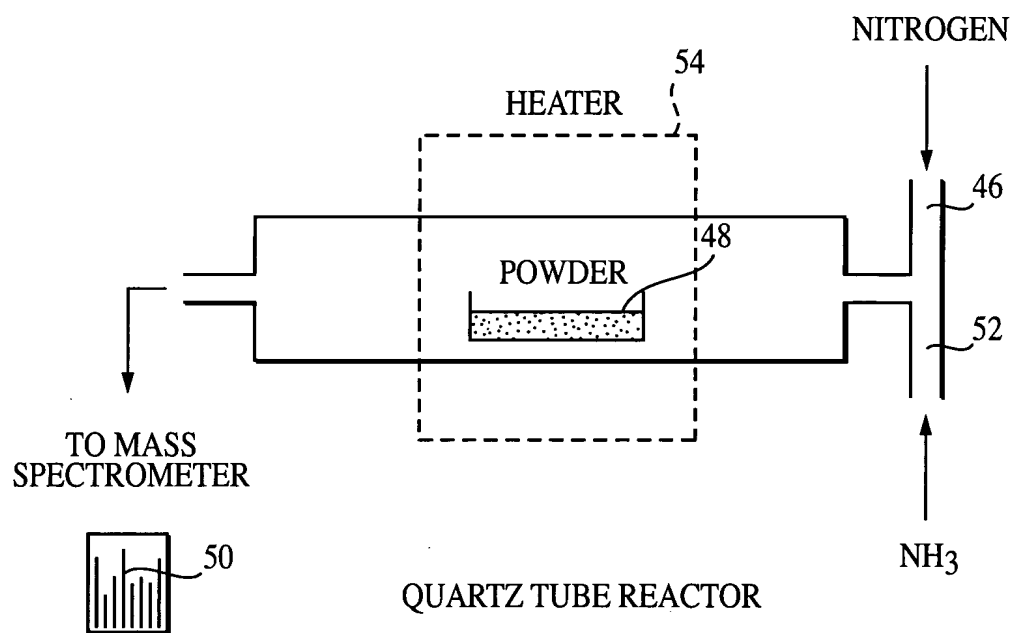


FIG. 4

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(C-PLANE) Al_2O_3 SUBSTRATE

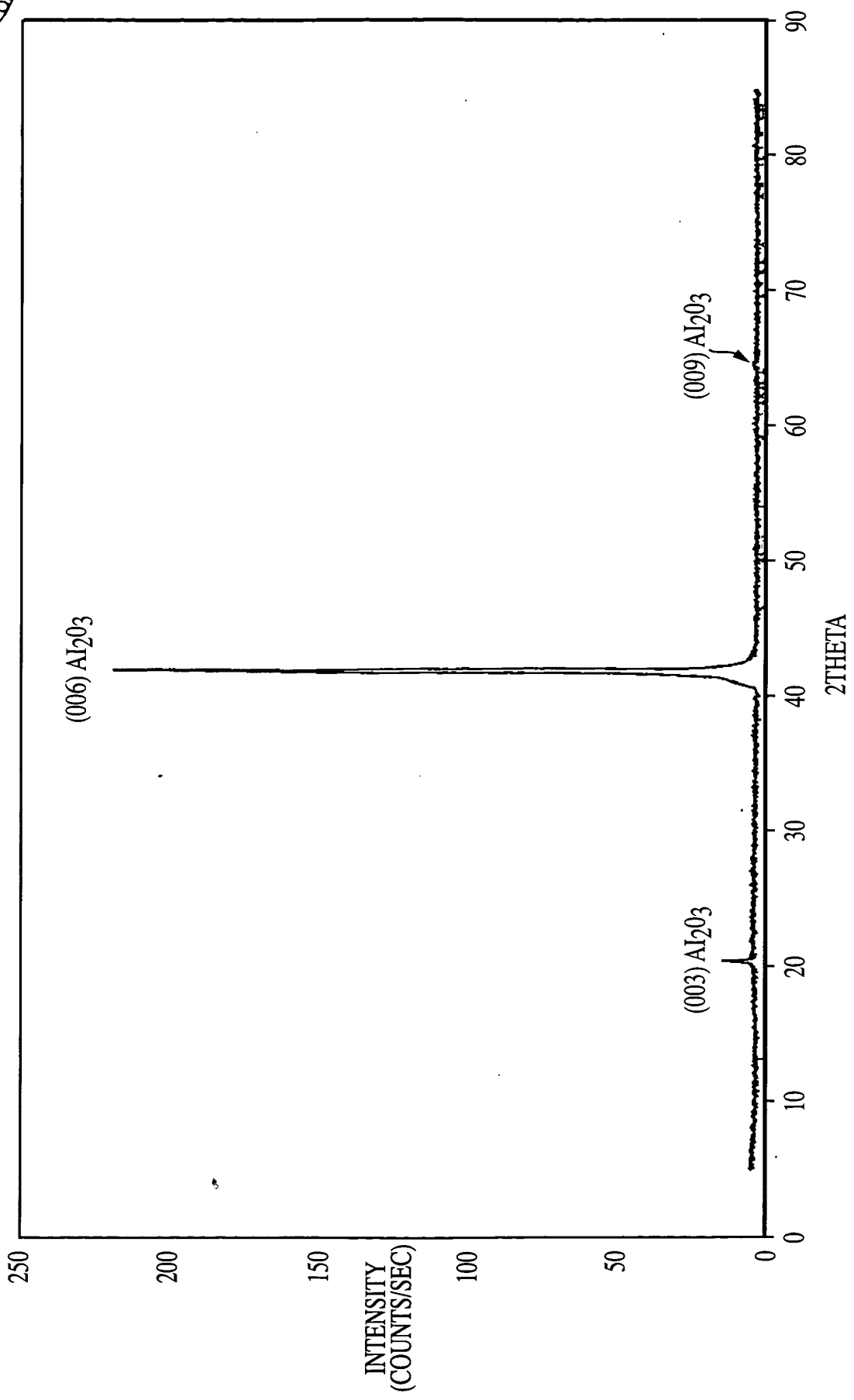


FIG. 5A

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GaN FROM GDA, 1000C

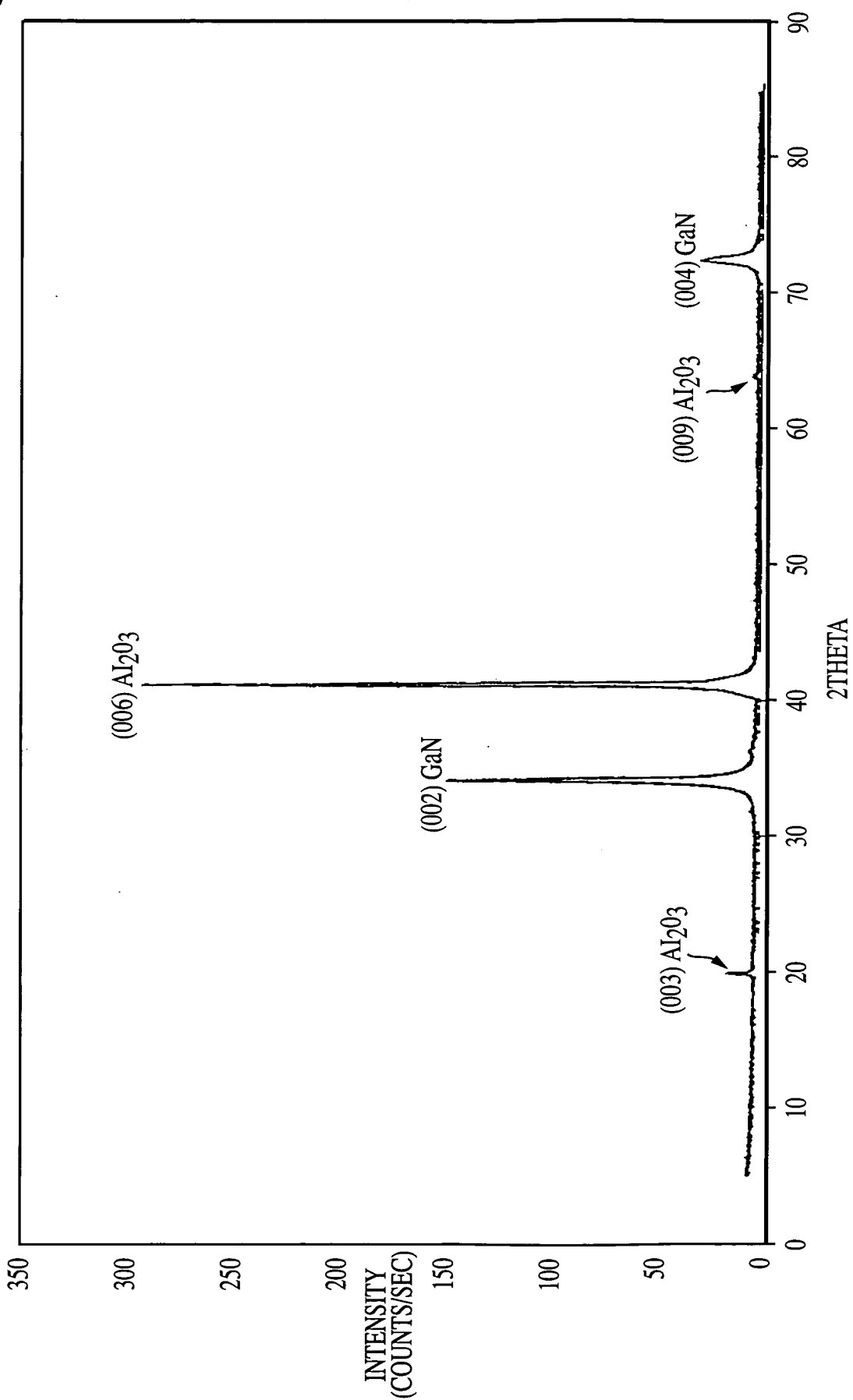


FIG. 5B

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OFF-AXIS PHI SCAN, GaN ON Al₂O₃

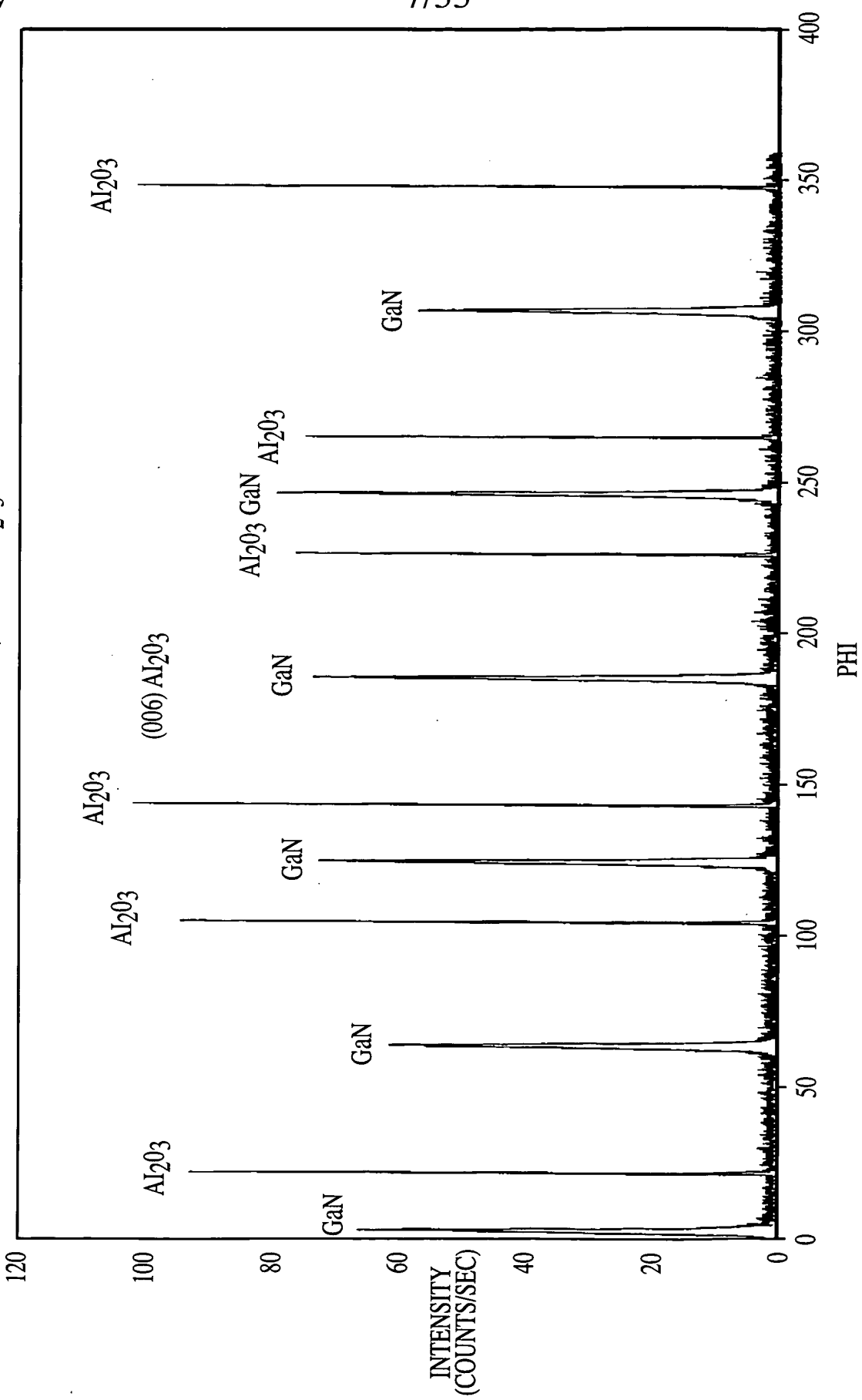
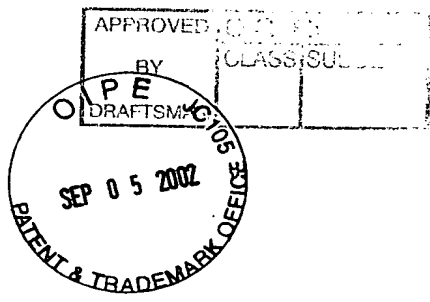
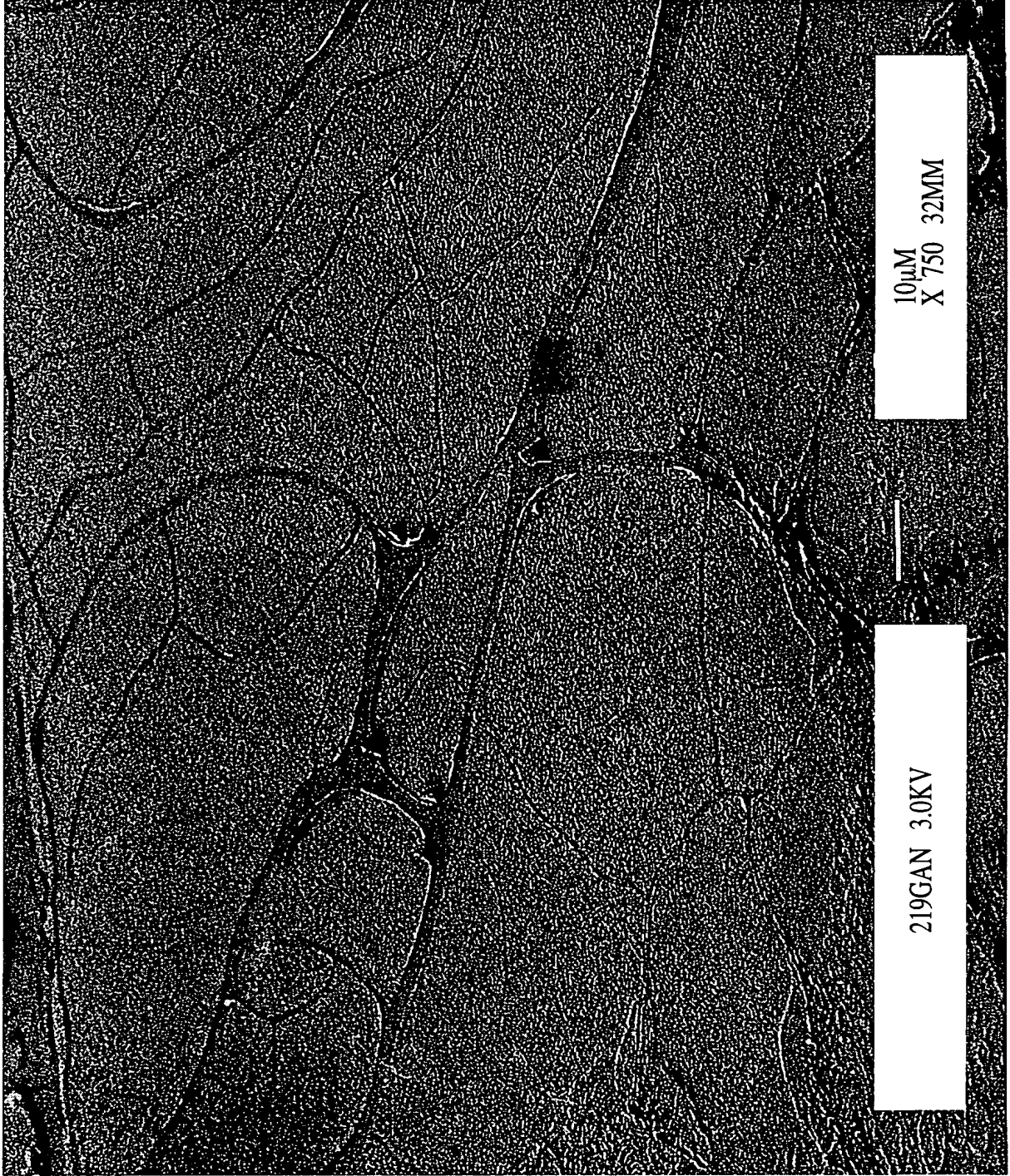


FIG. 6



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10μM
X 750 32MM

219GAN 3.0KV

FIG. 7

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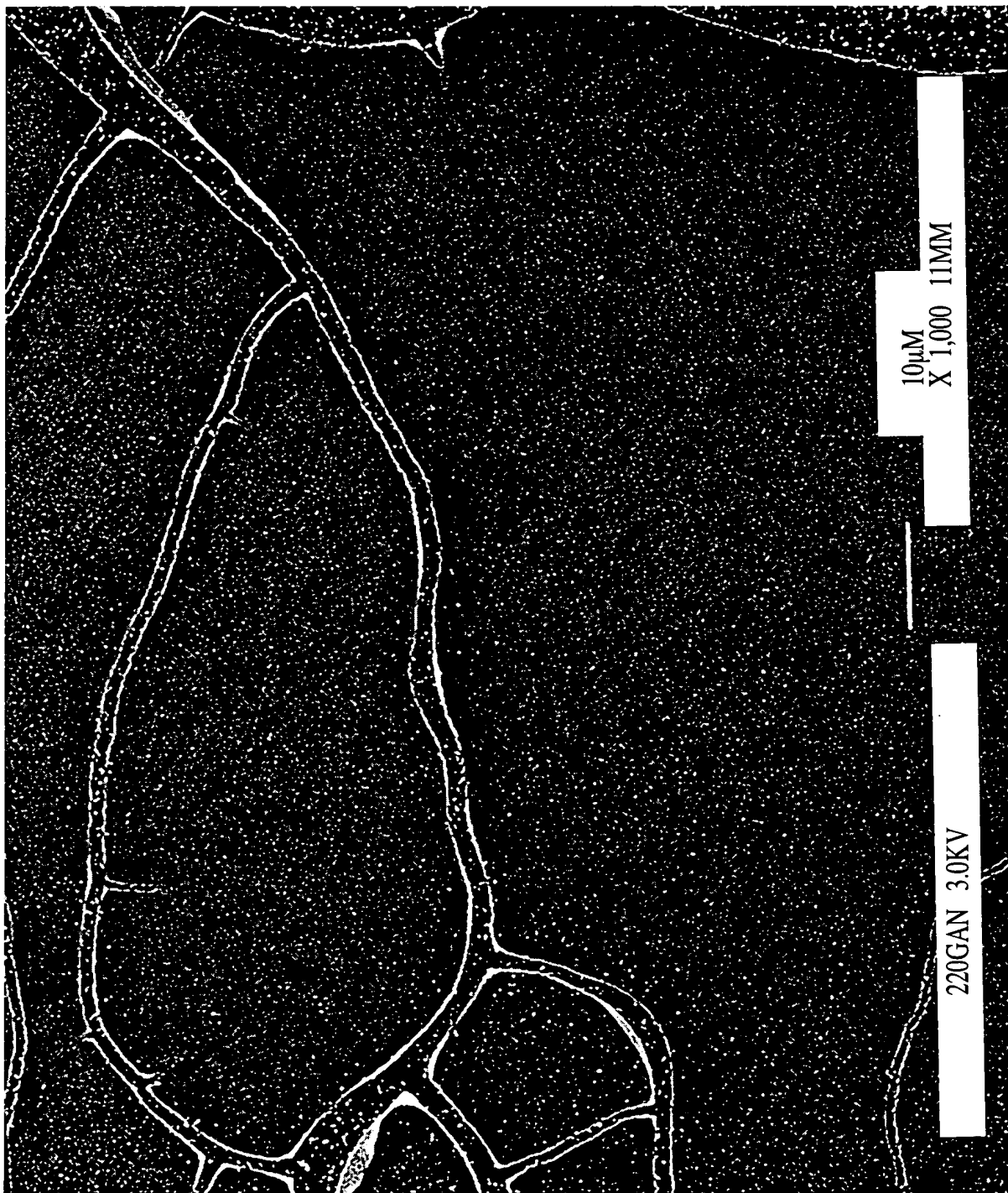
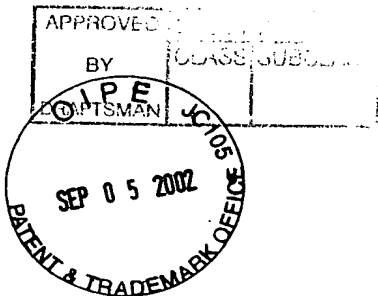


FIG. 8



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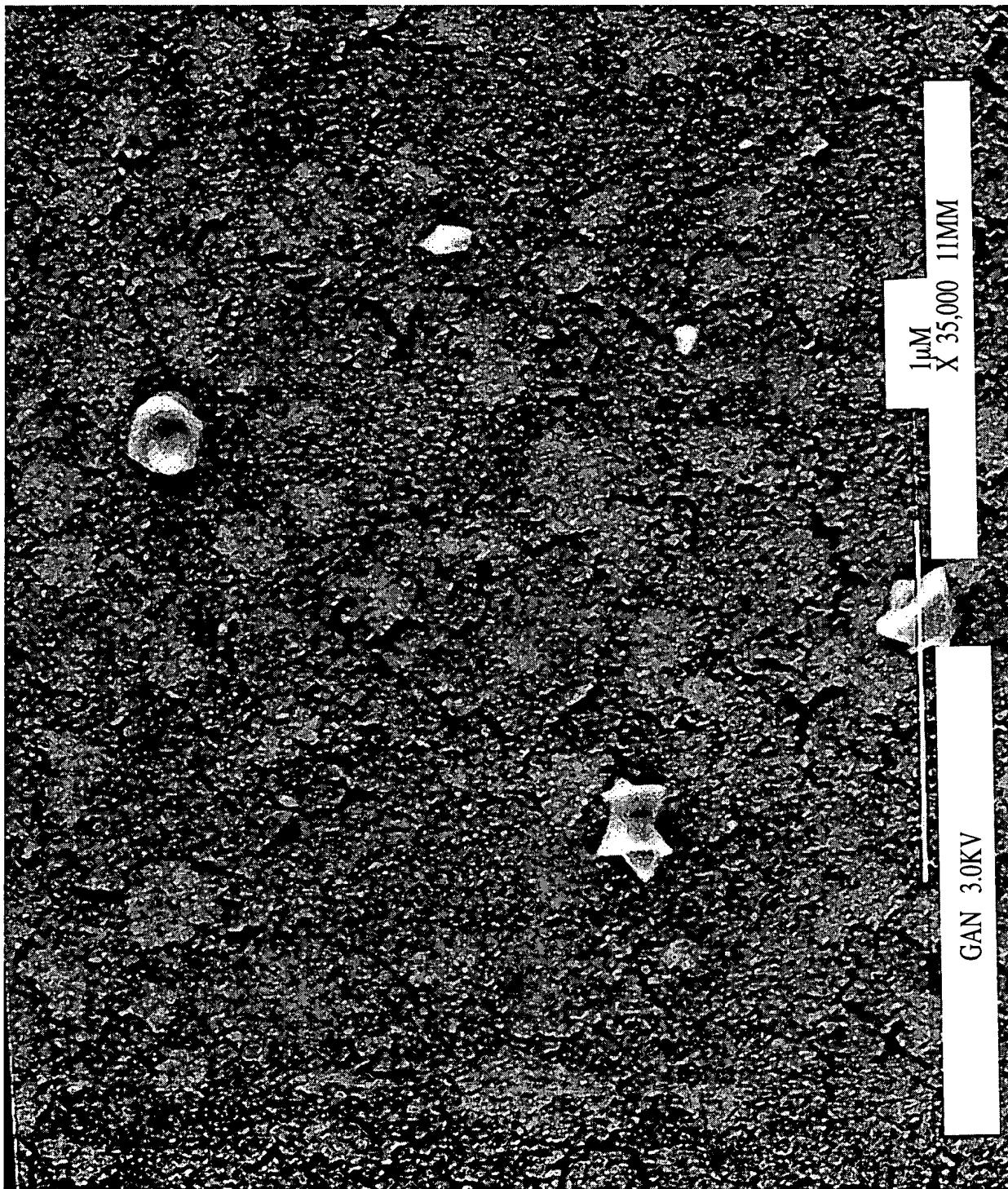


FIG. 9

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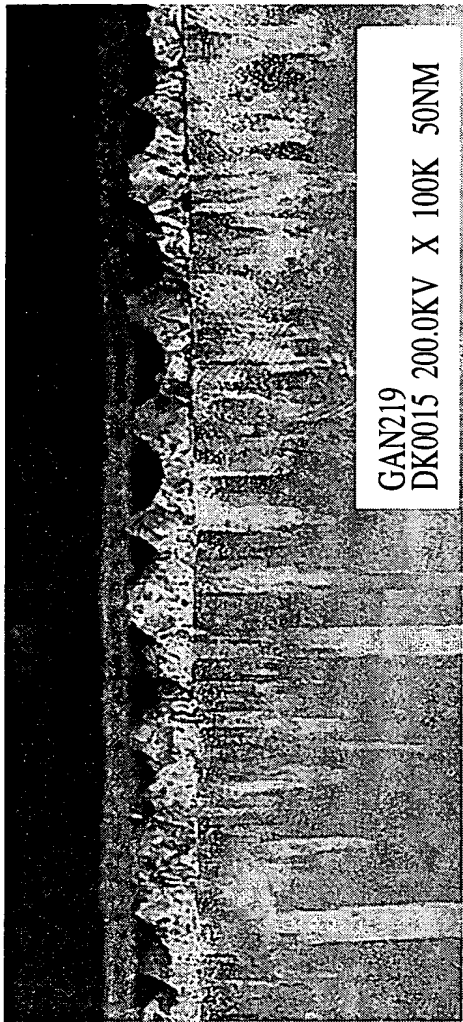
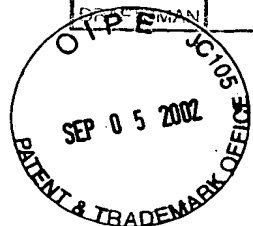
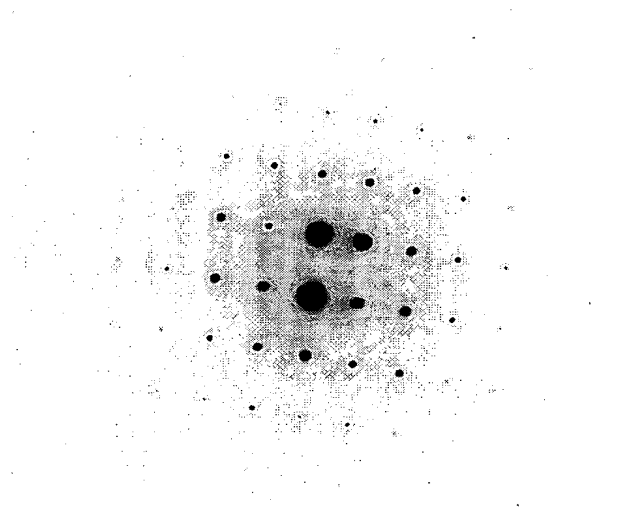


FIG. 10

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BY	SUBCLASS

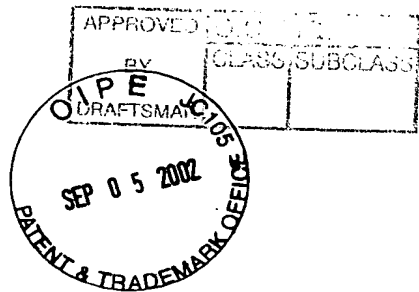


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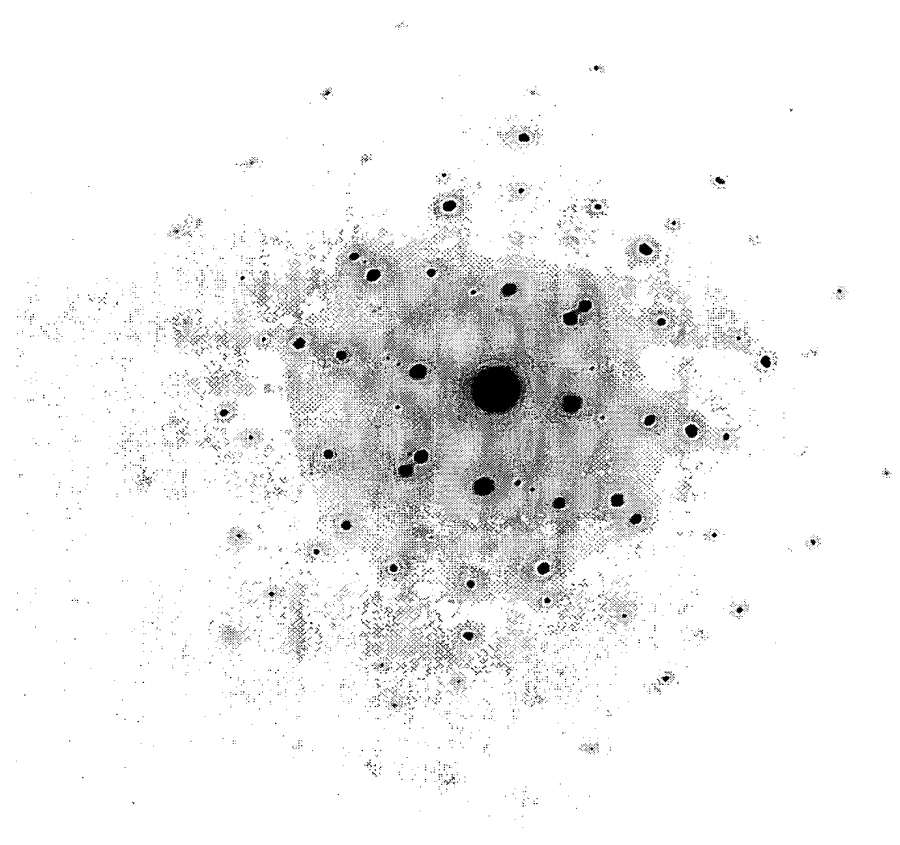


GAN219
DK0009 200.0KV 83.0CM

FIG. 11



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GAN219
DK0003 200.0KV 83.0CM

FIG. 12

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GAN219
DK0011 200.0KV 83.0CM

FIG. 13

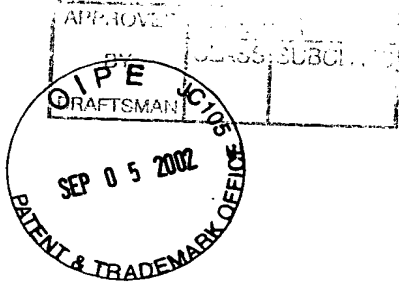
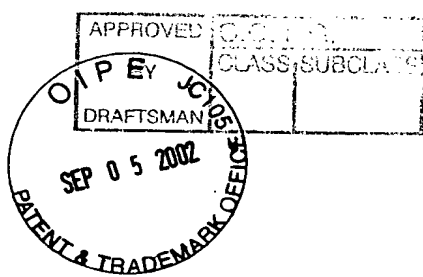


FIG. 14



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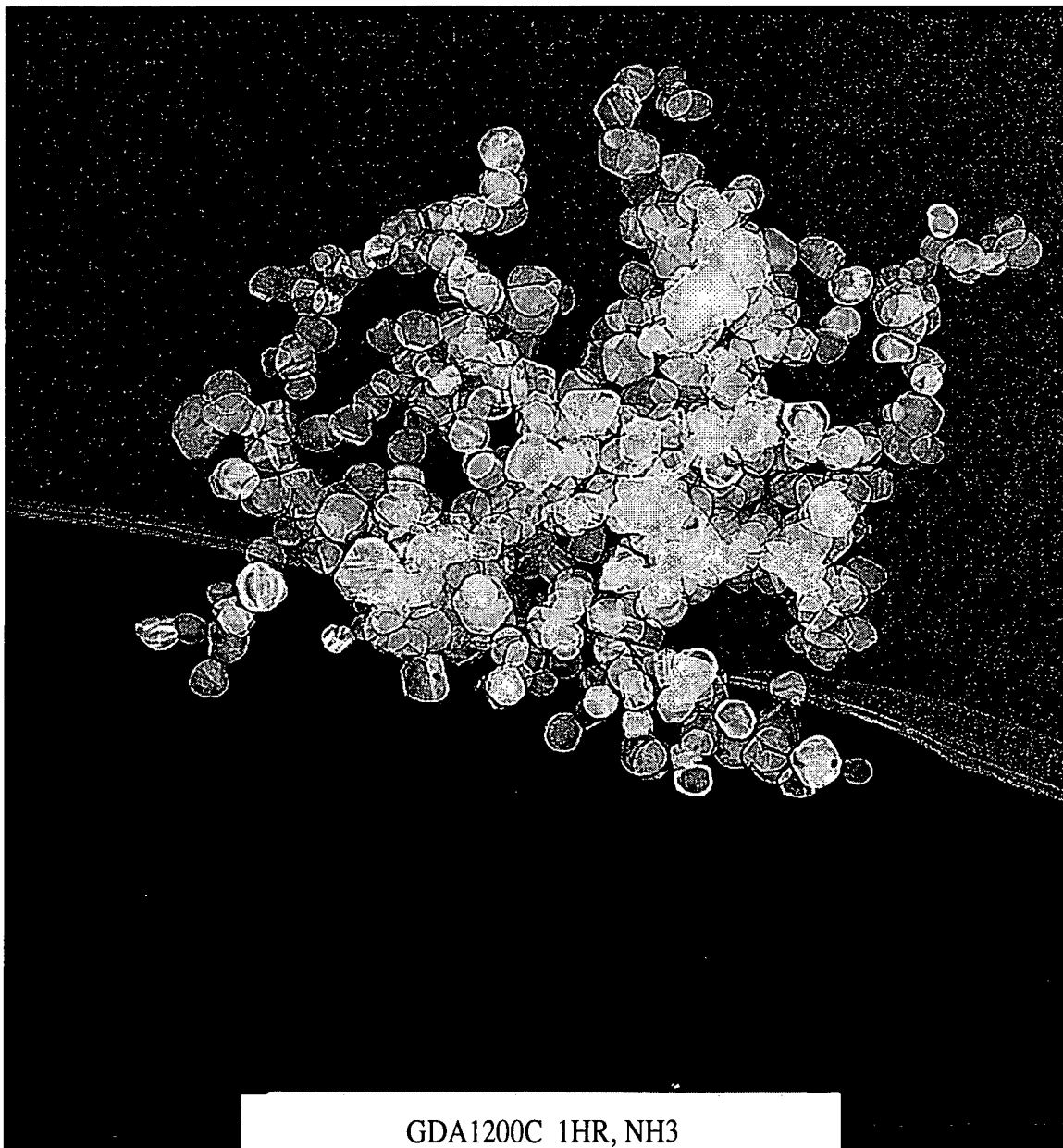
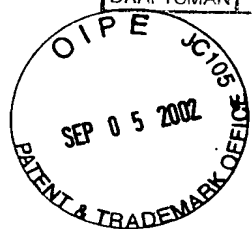


FIG. 15

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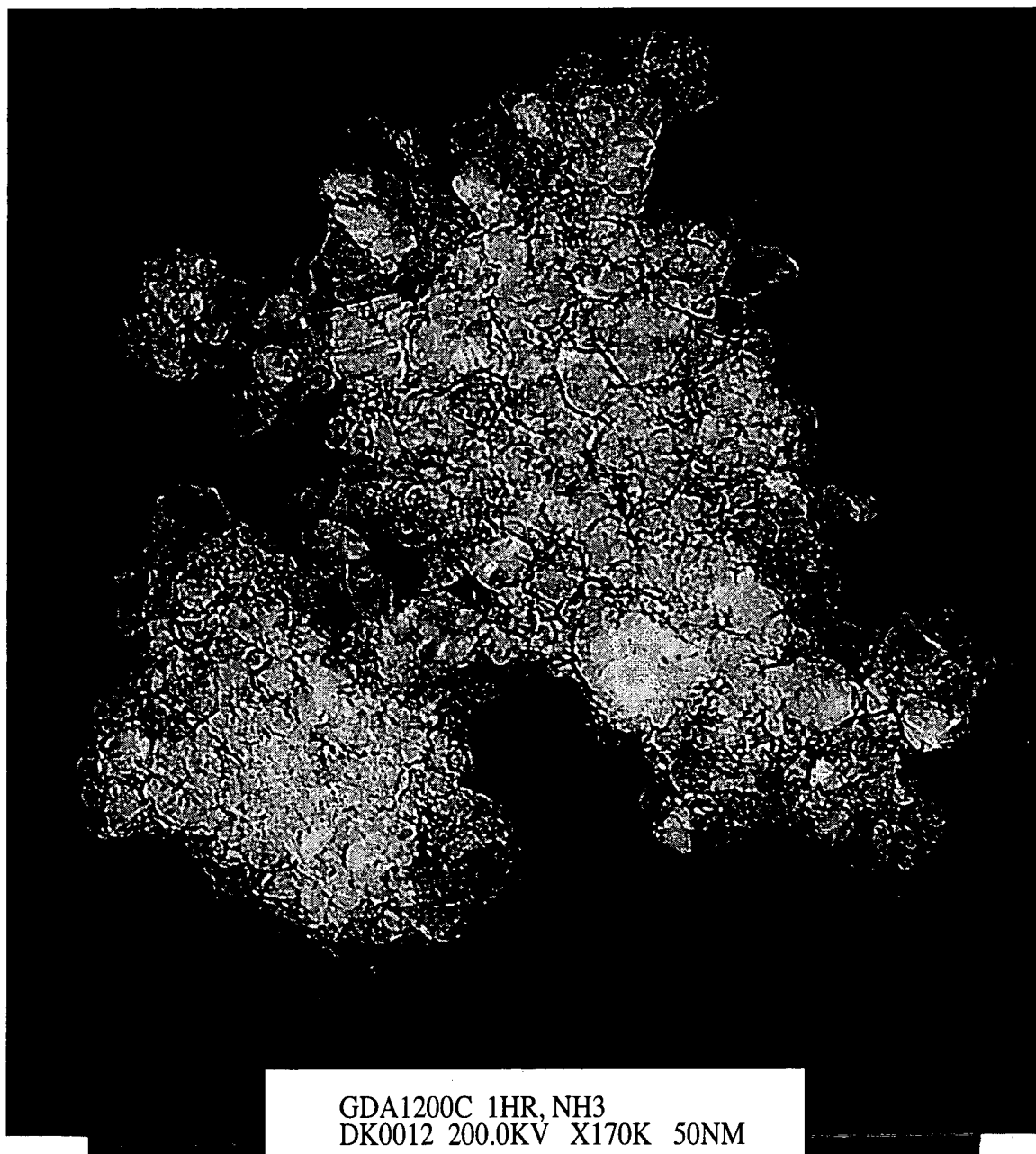


FIG. 16

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BY		
DATE		



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GaN FROM GDA, 600C

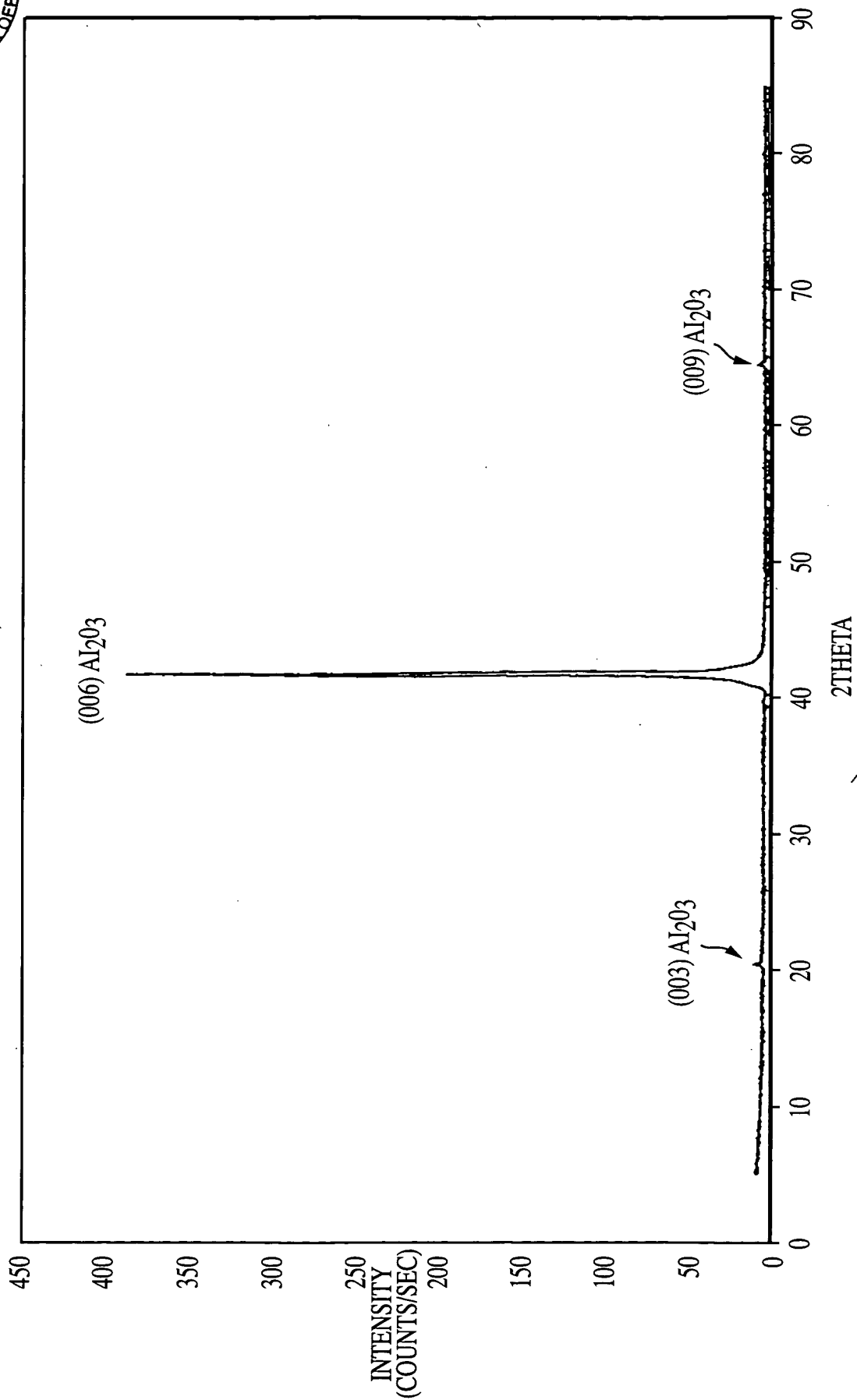


FIG. 17A

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GaN FROM GDA, 800C

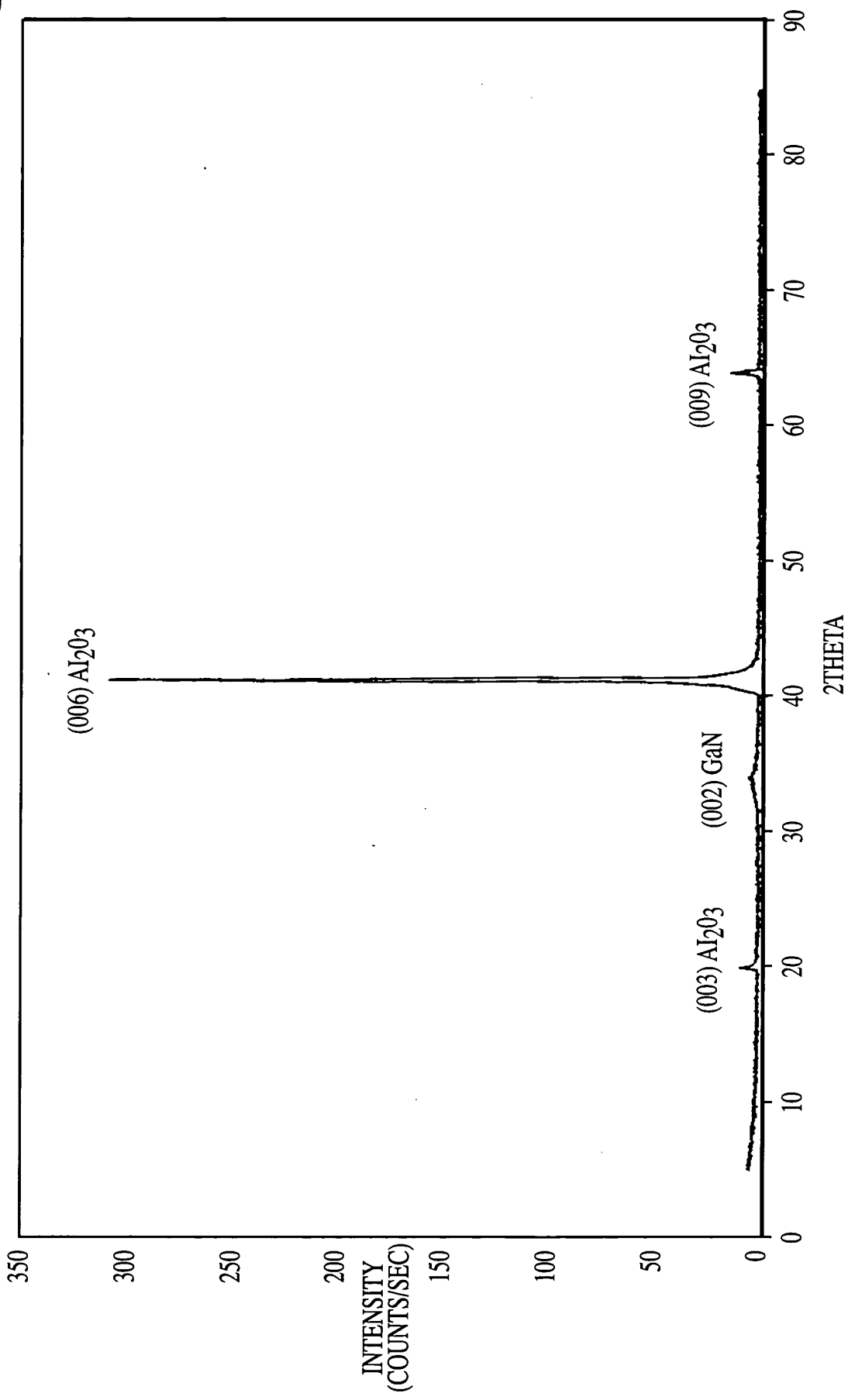


FIG. 17B

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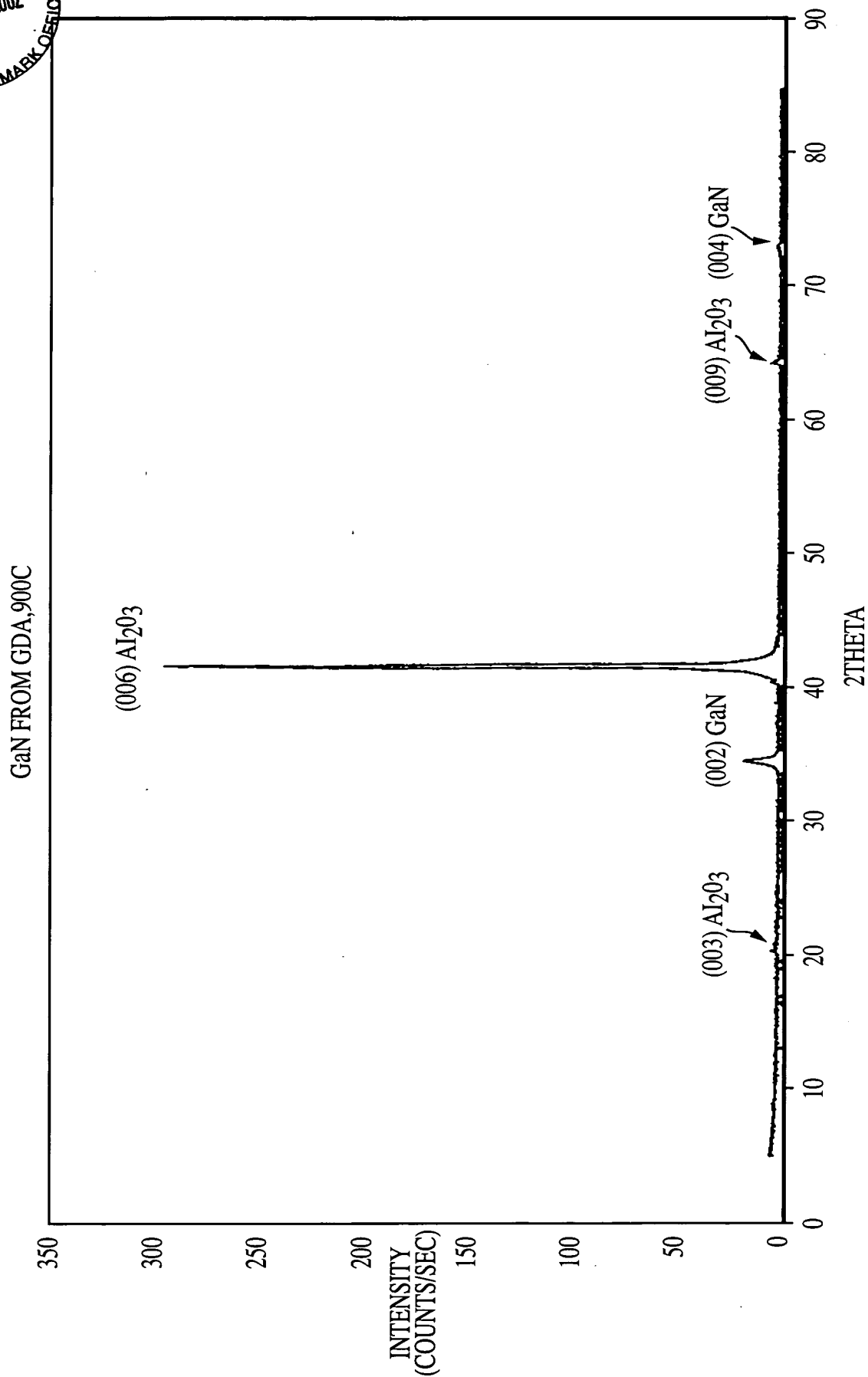
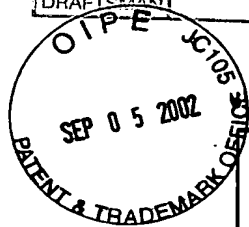


FIG. 17C

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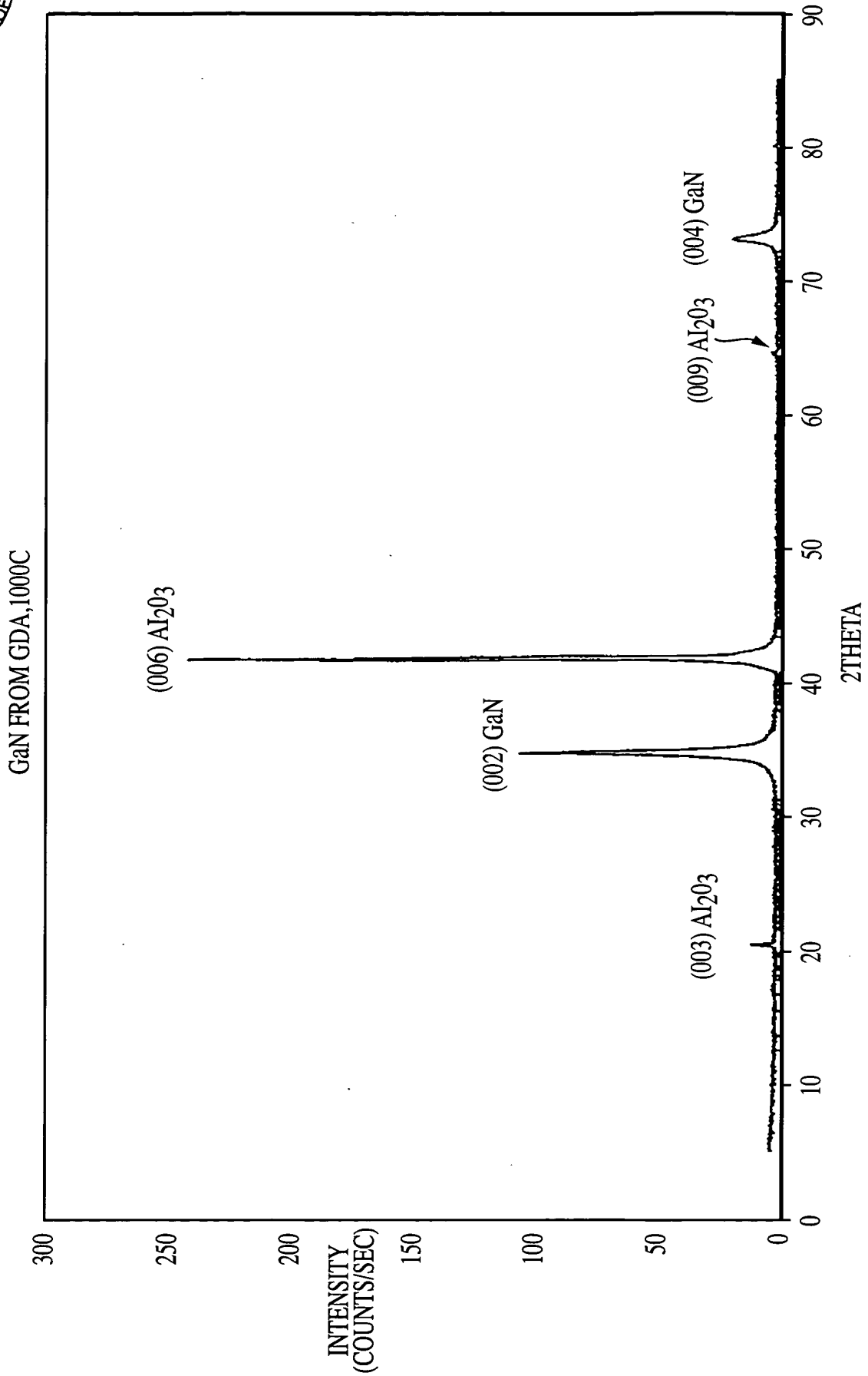


FIG. 17D

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GaN POWDER FROM Ga_2O_3 IN AMMONIA

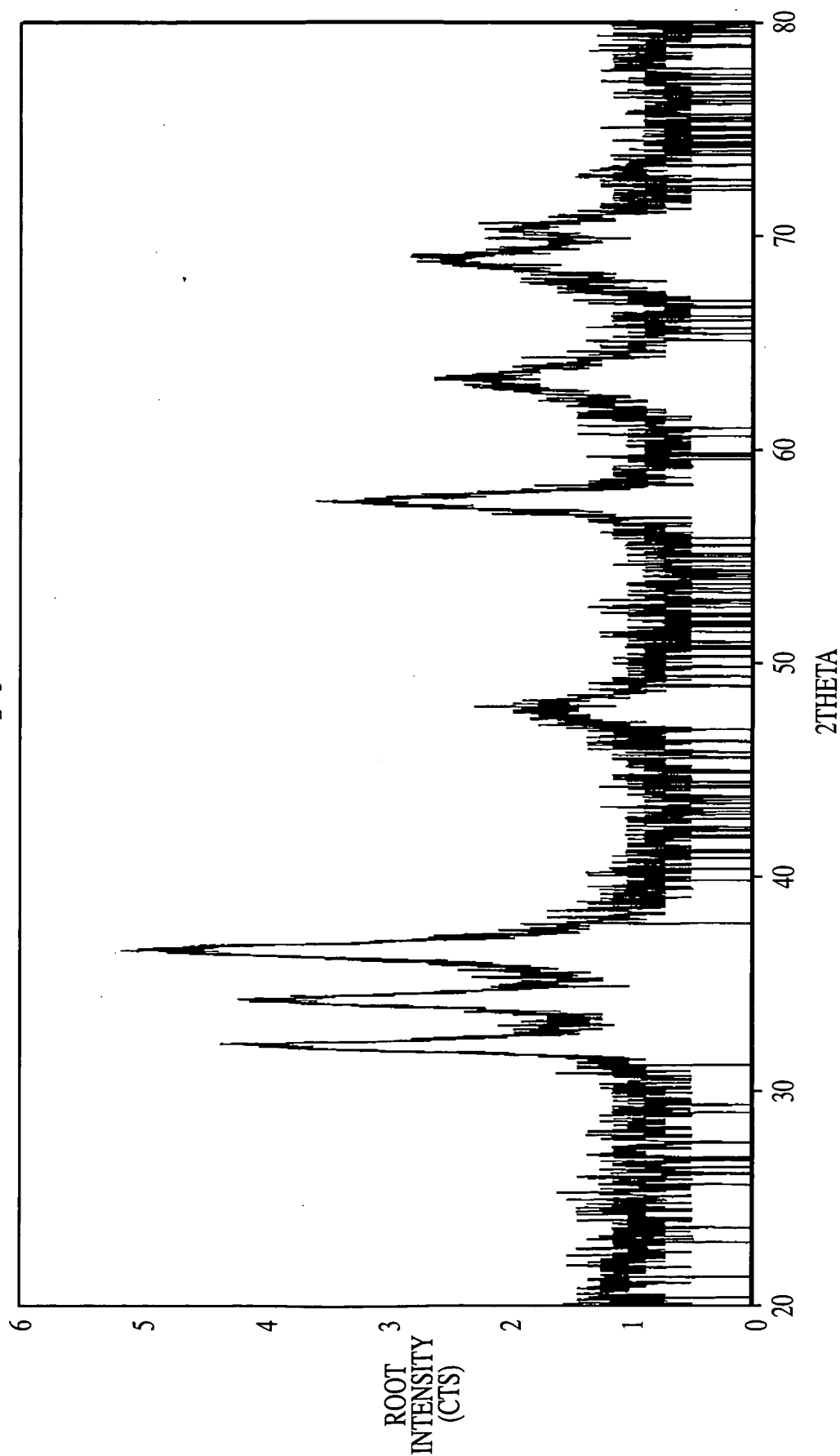


FIG. 18

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EXAMINER	MAN		

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GaN FILM FROM GNO PRECURSOR (1 COAT)

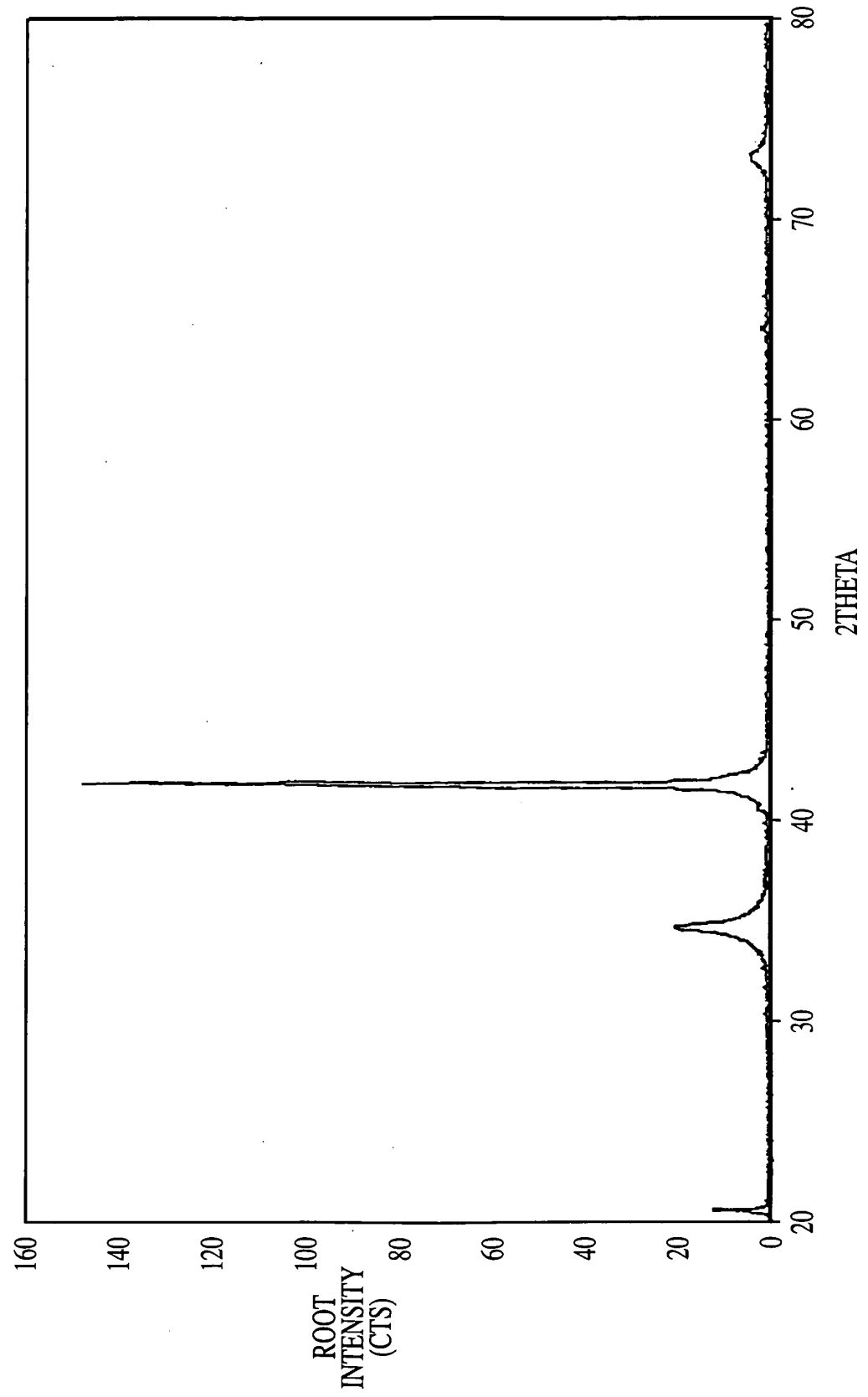


FIG. 19A

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GaN FILM FROM GIP PRECURSOR

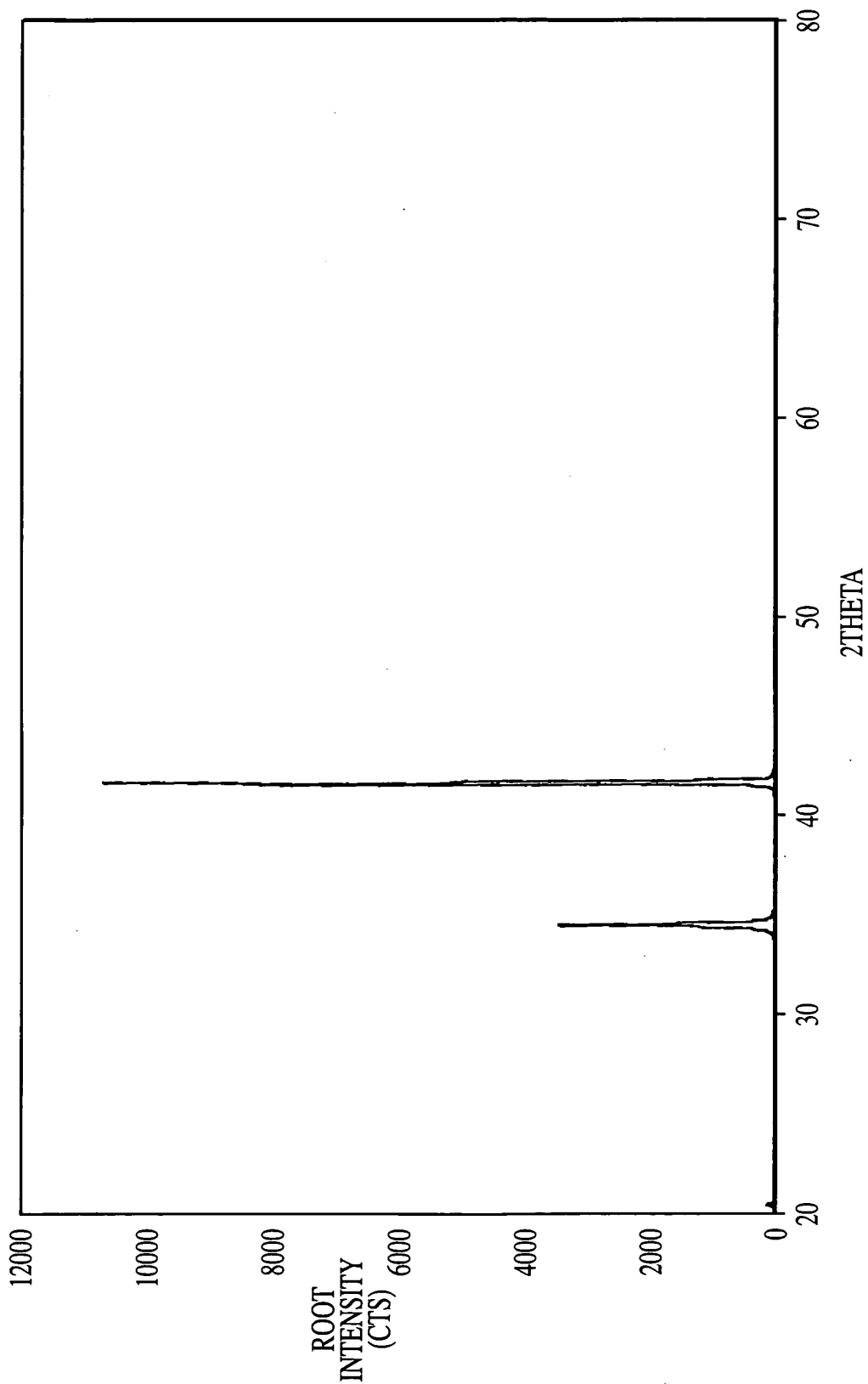


FIG. 19B

OFF AXIS PHI SCAN OF GaN FILM FROM GIP PRECURSOR

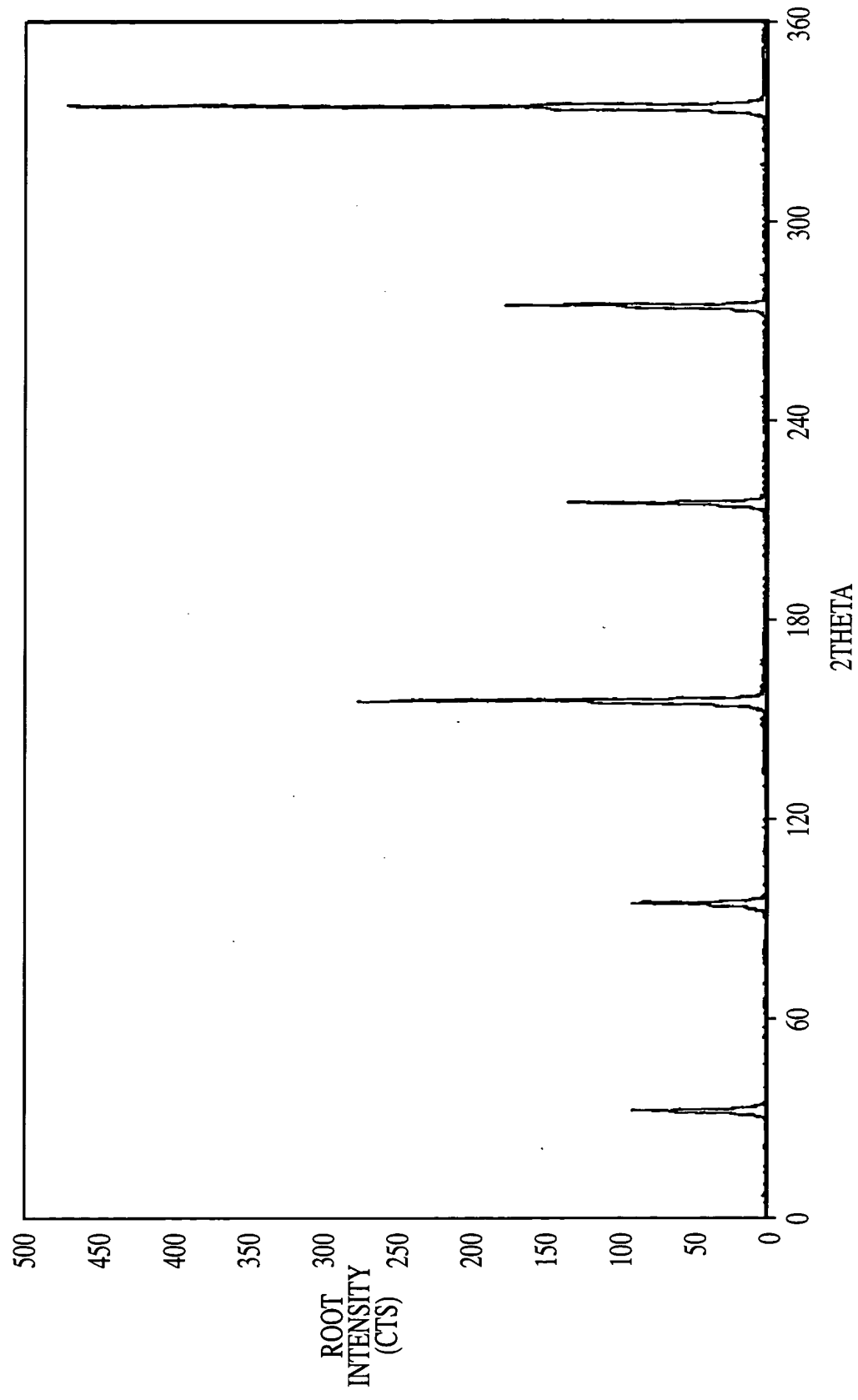


FIG. 20



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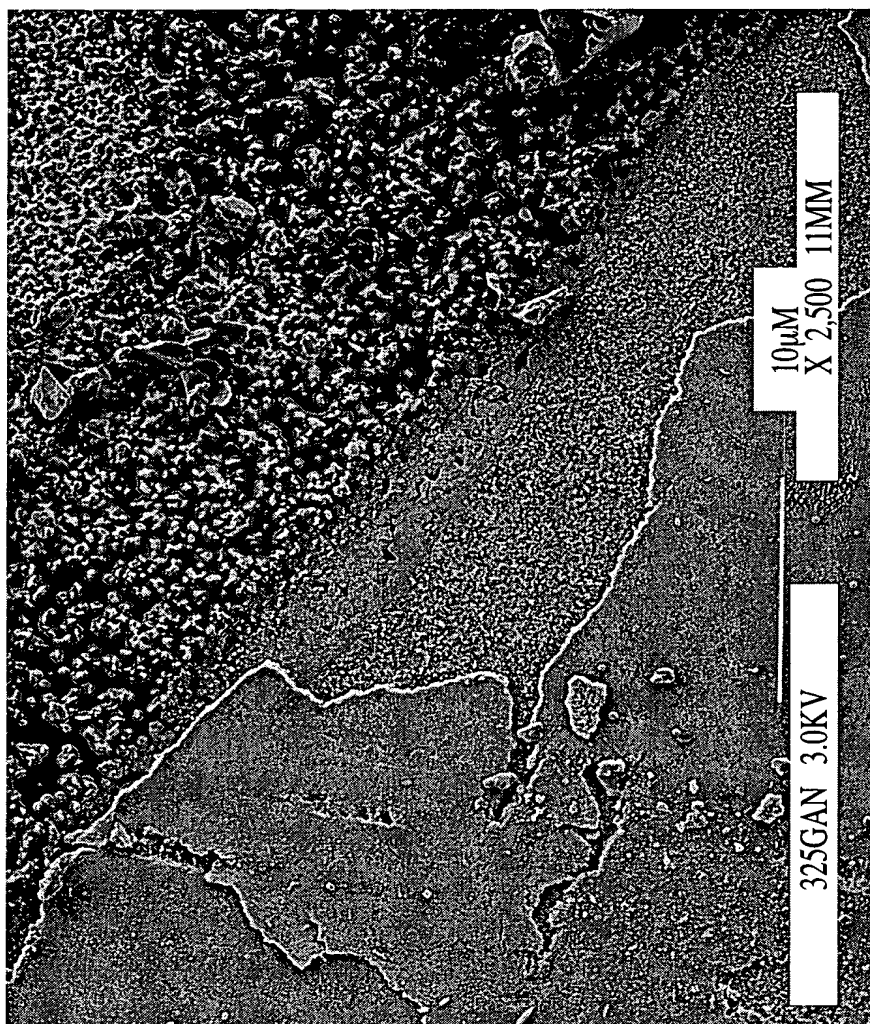
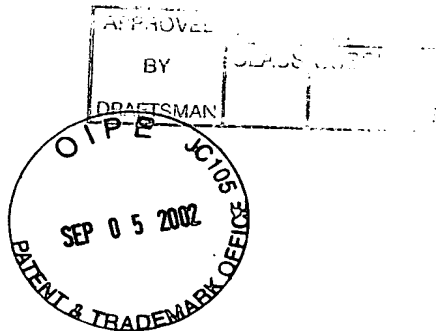


FIG. 21



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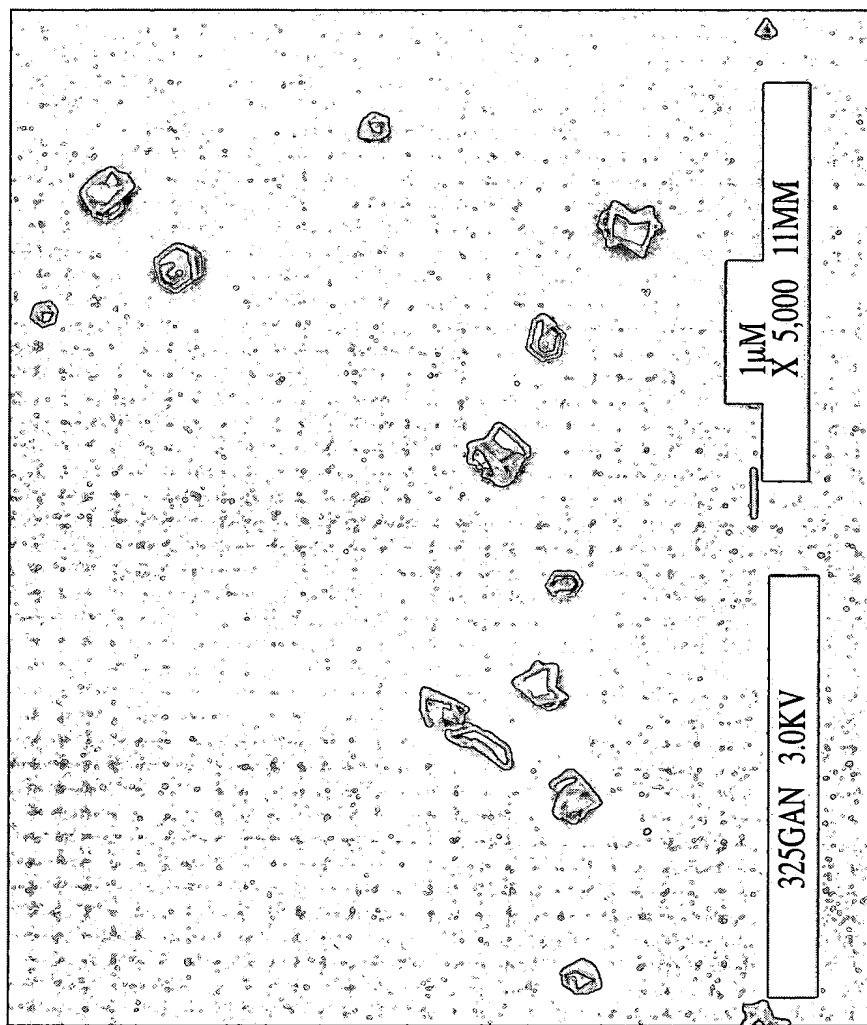
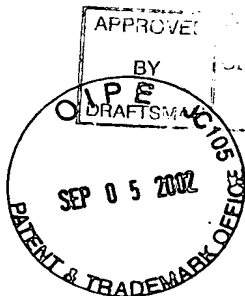


FIG. 22



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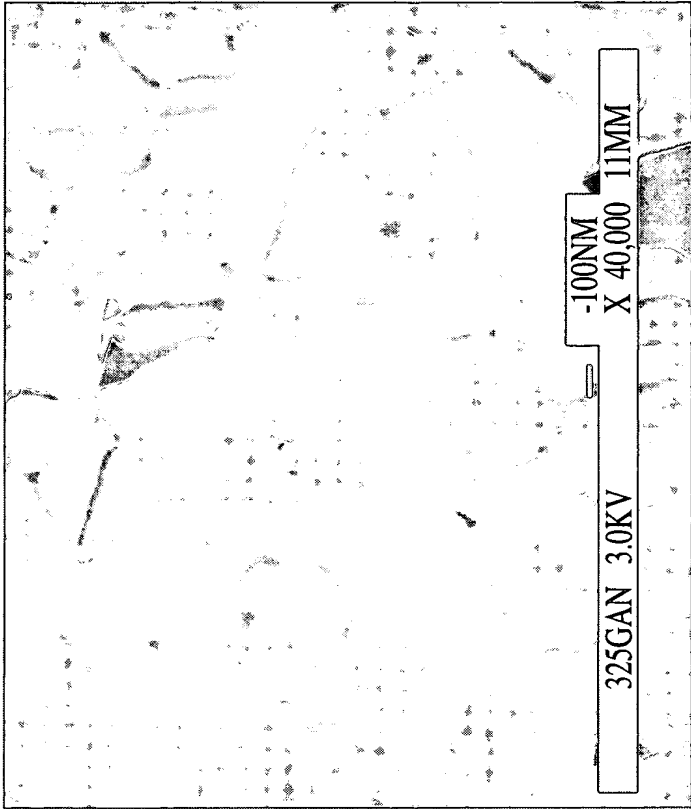
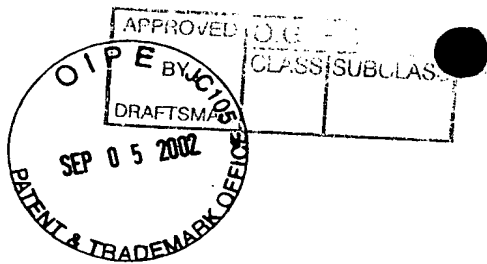


FIG. 23



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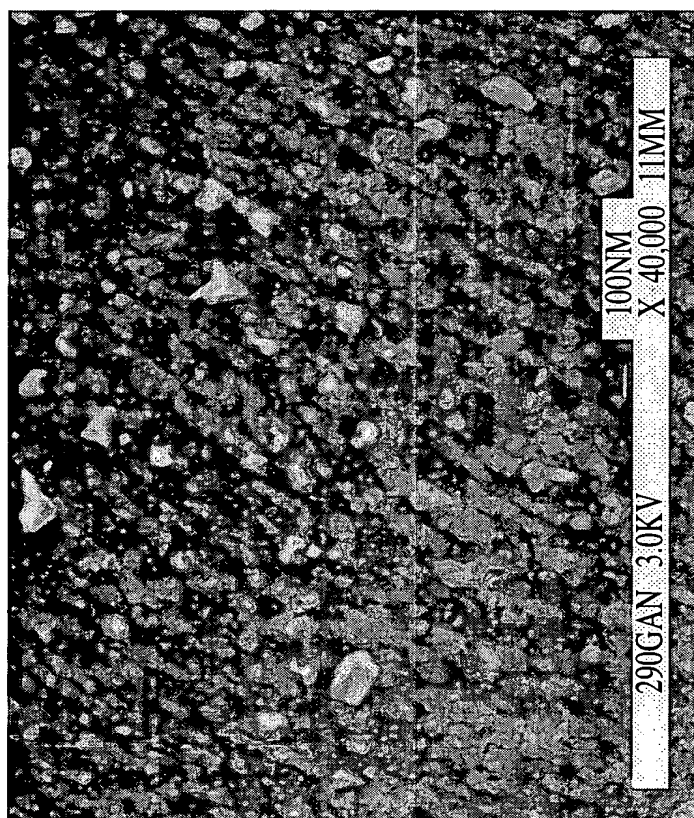


FIG. 24

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CLASS SUBCLA



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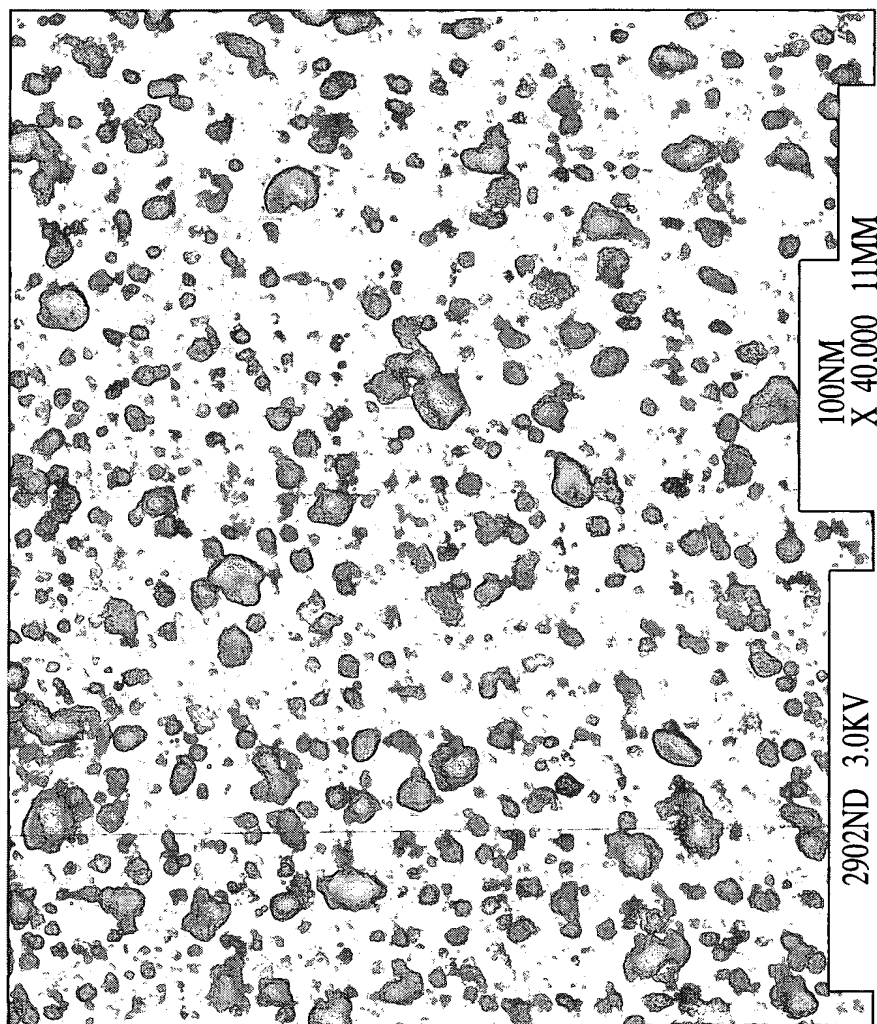
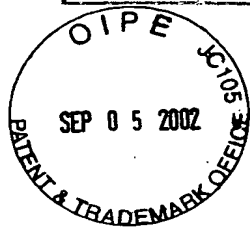


FIG. 25



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GaN FILM FROM GNO PRECURSOR (2 COATS)

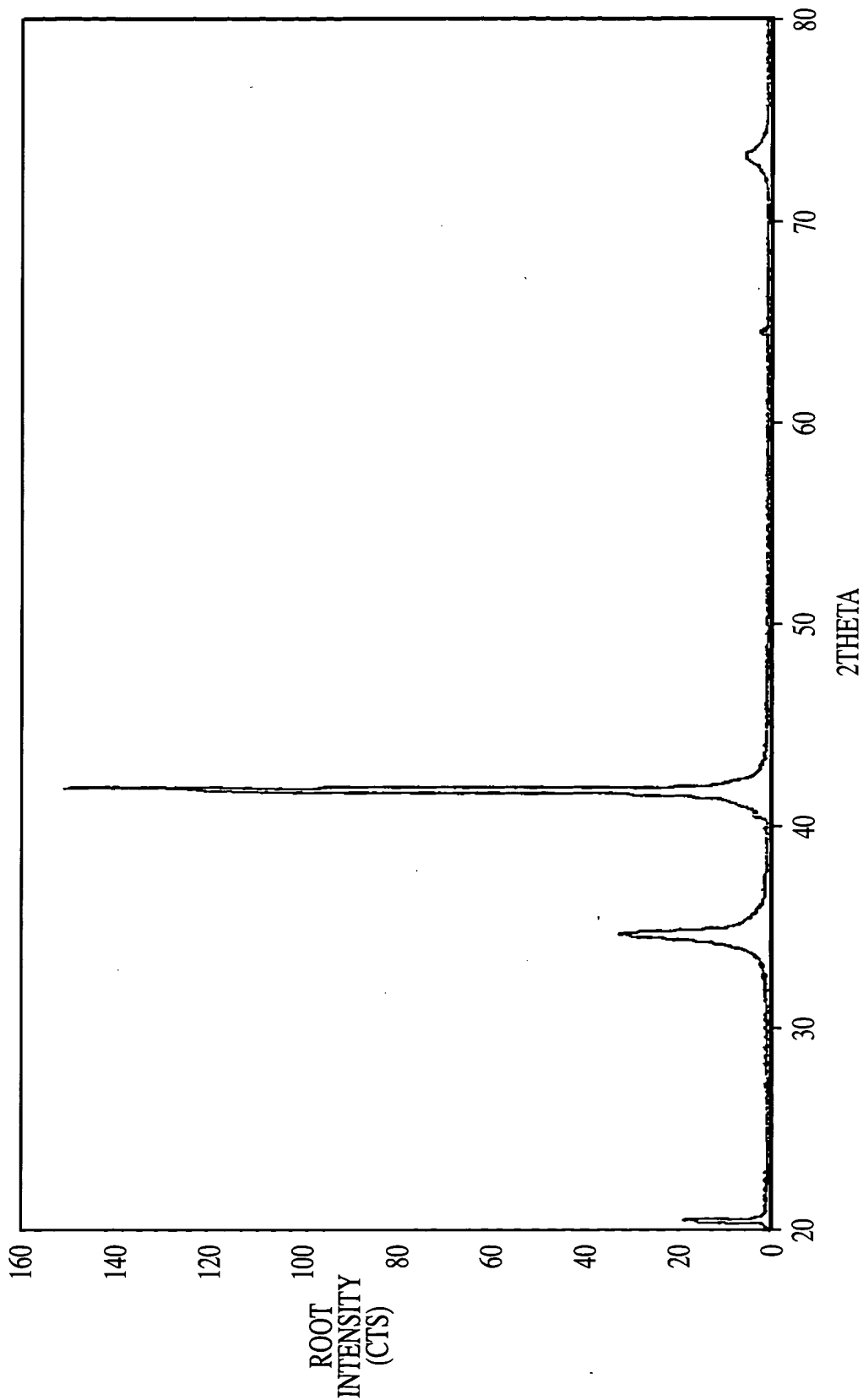


FIG. 26

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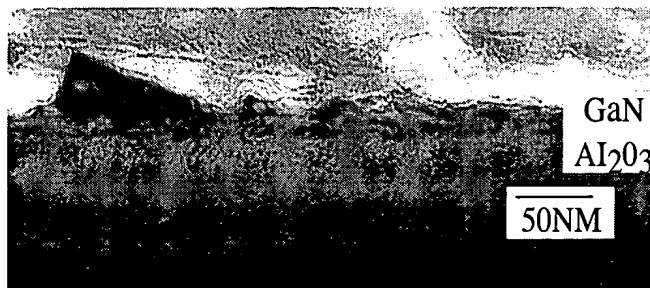


FIG. 27A

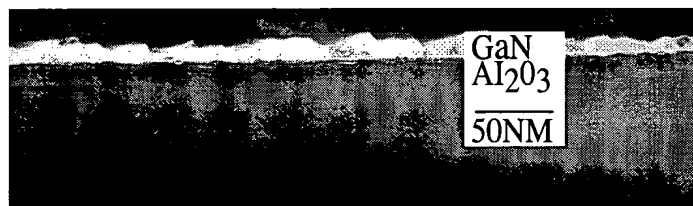


FIG. 27B



FIG. 27C

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GaN290 77K

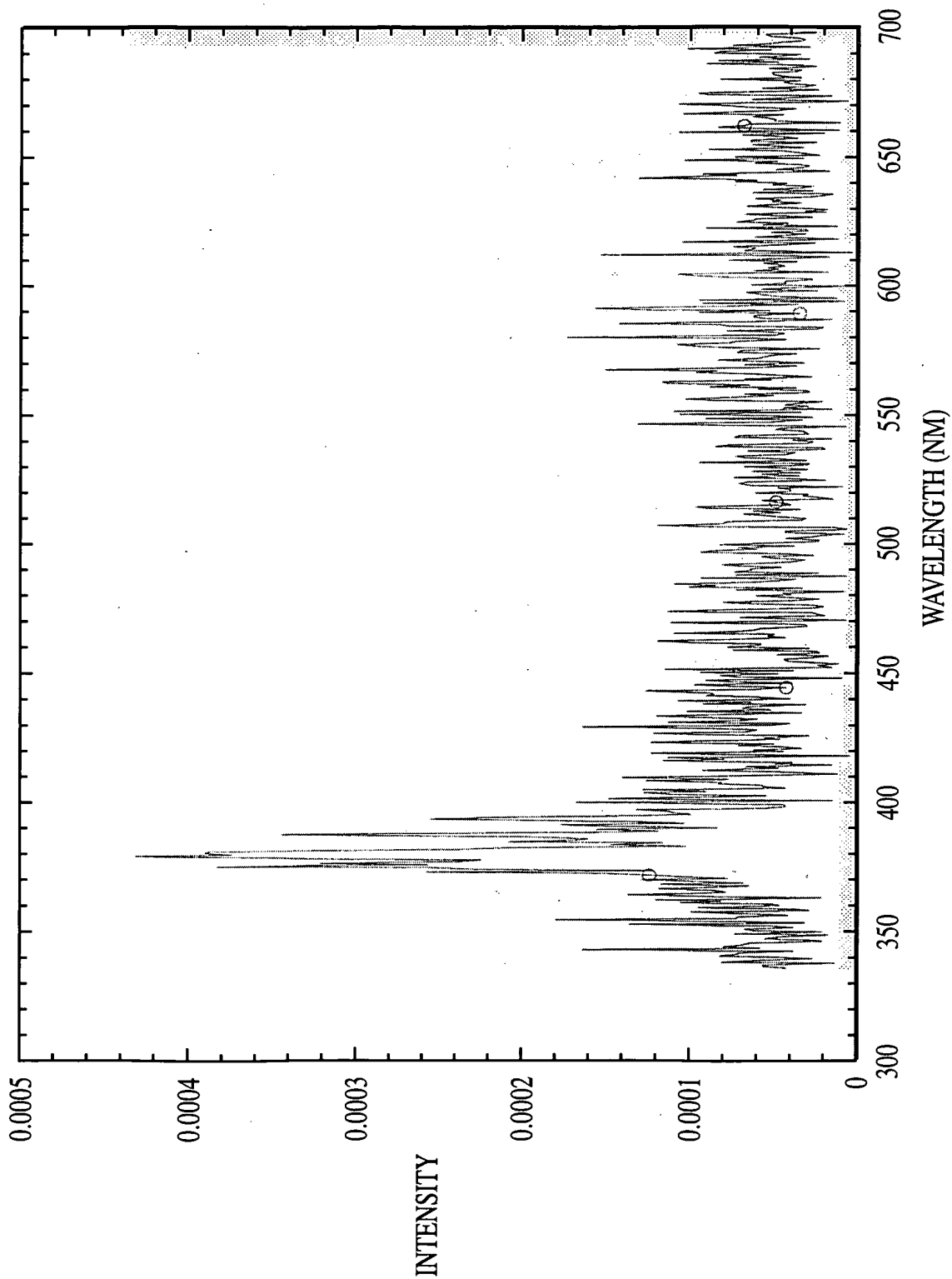


FIG. 28